Appendix D

General Plan Update Mobility Element Road Network Differences Recommended to Proposed Project

This appendix identifies differences between the Recommended Project General Plan Update Mobility Element road network and the Proposed Project network circulated for public review with the draft Environmental Impact Report.

Mok	Mobility Element Network—Alpine Community Planning Area Matrix				
		Designation/Improvement			
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
3	Alpine Boulevard (SF 1402) / (SC 1883) Segment: Dunbar Lane to East Willows Road	2.1E Community Collector West Willows Road to East Willows Road	2.1C Light Collector Intermittent Turn Lanes	Recommended change is necessary to accommodate forecast traffic volumes	
19	Willows Road (SC 2000) Segment: Otto Avenue to Alpine Boulevard	2.2E Light Collector Otto Ave. to Viejas Casino 4.2A Boulevard Raised Median—Viejas Casino to New Road 20 2.2E Light Collector New Road 20 to Alpine Boulevard	A.2A Boulevard Raised Median—Viejas Casino area 2.2E Light Collector Viejas Casino area to I-8 westbound onramp at East Willows Road 4.1A Major Road Raised Median—I-8 westbound on-ramp at East Willows Road to Alpine Boulevard	 Removal of New Road 20 and interchange (see item 20) will require tribal gaming traffic to use the East Willows Road interchange. Viejas is planning a new hotel and casino at the East Willows/Interstate 8 interchange, along with a new road connecting these facilities to the existing casino complex; therefore, two lanes at East Willows Road are sufficient. 	
20	New Road 20 / Interchange Segment: Willows Road to Alpine Boulevard	4.1A Major Road Raised Median	Remove from Network	 Funding for a new interchange is unlikely due to the proximity of both the West and East Willows Road interchanges with Interstate 8. New Viejas tribal gaming facilities and hotel are being proposed near the East Willows Road / Interstate 8 interchange, rather than the existing casino/retail complex. 	

a. ID = Roadway segment on Figure M-A-1

Mok	Mobility Element Network—Bonsall Community Planning Area Matrix				
	Designation/Improvement				
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
4	Old River Road (SC 262)	2.2E Light Collector	2.2C Light Collector	Recommended change is more	
	Segment: Camino del Rey to East Vista Way		Intermittent Turn Lanes	consistent with recent improvements to this road	
	Way			Planning Group preference	
10	Camino del Rey (SA 100)	4.2A Boulevard	4.2B Boulevard	■ Recommended change is more	
	Segment: SR-76 / Mission Road to Old Highway 395	Raised Median—SR-76 / Mission Road to Camino del Cielo	Intermittent Turn Lanes—SR-76 / Mission Road to Camino del Cielo	consistent with recent improvements to this road	
		2.2C Light Collector	No changes	Planning Group preference	
		Intermittent Turn Lanes—Camino del Cielo to Old Highway 395			
14	Melrose Drive (SA 460)	Not Included	6.2 Prime Arterial	Inadvertently left off network due to lack	
	Segment: Mission Avenue to North Santa Fe Avenue (unincorporated County only)			of clarity over alignment through unincorporated County.	
15	Dentro de Lomas Road (via Paseo Grande Road, Whisper Trace Road, Thorn Dale Road, North Fork Drive, Autumn Breeze Lane, Whisper Wind Road)	Not Included	Local Public Road	Reflect Board directionPlanning Group preference	
	Segment: Gopher Canyon Road to Old River Road				

Mobility Element Network—Lakeside Community Planning Area Matrix					
			Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
2	State Route 67	4.1B Major Road	No changes	Consistent with 2030 SANDAG	
	Segment: Poway city limits to Santee city limits	Intermittent Turn Lanes—Poway city limits to Scripps Poway Parkway		Regional Transportation Plan A four-lane road has generally	
		6.2 Prime Arterial	4.1A Major Road	sufficient capacity to accommodate forecast traffic volumes, as long as	
		Scripps Poway Parkway to Mapleview Street	Raised Median—Poway city limits to Mapleview Street	other planned improvements are constructed: full interchange at Winter	
		6.1 Expressway	No changes	Garden Boulevard and overpasses at Mapleview Street and Willow Road.	
		Mapleview Street to Santee city limits		wapiewew street and willow Road.	
Mok	pility Element Network—North (County Metro Subregion Matrix			
		Designation/	Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
2	Mar Vista Drive	2.2E Light Collector	2.2B Light Collector	Consistent with City of Vista preference	
	Segment: Cannon Road (Oceanside) to Mar Vista Drive (Vista)		Continuous Turn Lane		
4	Monte Vista Drive (SC 1791)	4.1B Major Road	2.1C Light Collector	■ Consistent with City of Vista	
	Segment: Vista city limits to Buena Creek Road	Intermittent Turn Lanes	Intermittent Turn Lanes—Vista city limits to Foothill Drive	preference for two-lane road adjacent to city limits	
			No changes Foothill Drive to Buena Creek Road	 A two-lane road between west of Foothill Drive is sufficient to accommodate forecast traffic volumes at LOS A-D. 	
Mok	pility Element Network—Otay Su	bregion Matrix			
			Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
7	Loop Road (SA 1111)	4.1A Major Road	Remove from Network	Loop Road was realigned in 2007 and now consists of Lone Star Road and	
	Segment: Lone Star Road to Siempre Viva Road	Raised Median		Siempre Viva Road	

Mol	Mobility Element Network—Ramona Community Planning Area Matrix				
		Designation/	'Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
4	Pine Street [State Route 78] Segment: North Mountain Subregion	2.1D Community Collector	No changes	 Consistent with 2030 SANDAG Regional Transportation Plan 	
	boundary to SR-67/Main Street	Improvement Options [Passing Lanes]— North Mountain Subregion boundary to Ash Street		 Developed area with insufficient right- of-way for a four lane road 	
		4.2B Boulevard Intermittent Turn Lanes—Ash Street to SR-67/Main Street	2.2D Light Collector Improvement Options [Left and Right Turn Lanes]—Ash Street to SR-67/Main Street	The forecast traffic volumes are approximately 2K-3K ADTs above threshold for a two-lane road. The addition of right turn lanes will relieve some of this congestion	

Mok	Mobility Element Network—Sweetwater Planning Area Matrix					
		Designation/	Improvement			
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes		
1	Sweetwater Road Segment: Plaza Bonita Center Way to	4.1B Major Road Intermittent Turn Lanes—Plaza Bonita	2.1D Community Collector Improvement Options [Right-turn Lanes /	 Proposed classification would provide right-of-way to incorporate right turn 		
	Spring Valley CPA boundary	Center Way to Willow Street	Intermittent Turn Lanes]	lanes, where necessary		
		2.1A Community Collector	2.1C Community Collector	 This will require accepting a road classification that would operate at 		
		Raised Median—Willow Street to Briarwood Road	Intermittent Turn Lanes	level of service (LOS) E/F from Plaza Bonita Center Way to Willow Street		
		2.2D Light Collector	No changes			
		Improvement Options [Intermittent Turn Lanes]—Briarwood Road to Bonita Road				
		2.2C Light Collector	No changes			
		Intermittent Turn Lanes—Bonita Road to Spring Valley CPA boundary				
2	Willow Street	4.1B Major Road	2.1D Community Collector	Community preference		
	Segment: Sweetwater Road to Bonita Road	Intermittent Turn Lanes	Improvement Options [Right-turn Lanes / Intermittent Turn Lanes]			

Mok	Mobility Element Network—Sweetwater Planning Area Matrix					
		Designation/Improvement				
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes		
3	Plaza Bonita Road	4.1B Major Road	Remove from network	Road is within National City		
	Segment: Bonita Mesa Road to Bonita Road	Intermittent Turn Lanes				
4	Bonita Road	4.1A Major Road	4.1B Major Road	■ DEIR traffic model forecasts range		
	Segment: Chula Vista city limits to Sweetwater Road	Raised Median— Chula Vista city limits to Central Avenue	Intermittent Turn Lanes	from 22.3-27.5K ADT requiring four lanes.		
				 Serves as a parallel route to Sweetwater Road, which is being accepted to operate at a LOS E/F. 		
				Portions of this segment are already built to three lanes. Development along south side of road would make road widening unfeasible, but road widening appears feasible to the north, into golf course property.		
		2.1D Community Collector	2.1D Community Collector	Portions of this segment are already		
		Improvement Options [Raised Median]— Central Avenue to Sweetwater Road	Improvement Options [Undetermined Improvements]	built to three and four lanes. Raised median is not necessary to accommodate traffic.		
5	Briarwood Road	2.1D Community Collector	2.1D Community Collector	Additional right-of-way allows for right		
	Segment: SR-54 to Sweetwater Road	Improvement Options [Raised Median]	Improvement Options [Continuous Left Turn Lane / Right Turn Lanes]	turn lanes near SR-54 interchange where traffic volumes are highest.		
				 Additional right-of-way would accommodate provision of pathway as identified on Community Trails Master Plan. 		
6	San Miguel Road Segment: Bonita Road to Proctor Valley Road	2.3C Minor Collector	Local Public Road	Classification is consistent with Local Pubic Road classification for Proctor Valley Road.		

Mok	Mobility Element Network—Sweetwater Planning Area Matrix				
		Designation,	/Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
8	Corral Canyon Road Segment: Central Avenue to Chula Vista	2.2B Light Collector Continuous Turn Lane	2.3B Minor Collector Intermittent Turn Lane	■ DEIR traffic model forecasts range from 3.5 - 6.3K ADT, which is	
	city limits			consistent with Minor Collector classification. **Traffic count - 6,379 ADT (west of the count - 6) and the count - 6).	
				Loping Lane [April 2007]	
9	Proctor Valley Road	Local Public Road	Local Public Road	 Built portion accommodates 6,652 ADT based on traffic count conducted 	
	Segment: San Miguel Road to Chula Vista city limits		San Miguel Road to San Miguel Ranch Road	in September 2009.	
			Remove as Public Road	 A connection throughout the entire alignment, including the currently 	
			San Miguel Ranch Road to Chula Vista city limits	unbuilt portion, within the unincorporated county would still be retained to accommodate bicycles, pedestrians, and emergency vehicles	

Mol	Mobility Element Network—Valle de Oro Community Planning Area Matrix				
		Designation/	Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
1	Fuerte Drive (SC 2111/SA 920/SC 2060)	2.1E Community Collector	2.2E Light Collector	Community preference	
	Segment: La Mesa city limits to Chase Avenue			 More appropriate for winding nature of road 	
4	Bancroft Drive	4.1B Major Road	2.1C Community Collector	Community preference	
	Segment: -4 to Edgewood Drive	Intermittent Turn Lanes	Intermittent Turn Lanes	 Two lanes are consistent with forecast traffic volumes 	
5	Conrad Drive /Resmar Road (SC 2125)	2.1E Community Collector	2.2E Light Collector	Community preference	
_	Segment: Campo Road to Grandview Drive			 More appropriate for winding nature of road 	

		Designation/		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes
7	State Route 94/Campo Road Segment: La Mesa city limits to	Freeway/6.1 Expressway La Mesa city limits to Jamacha Road	No changes	 Community preference, with the inclusion of an interchange at Jamacha Road
	Jamul/Dulzura Subregion boundary	6.2 Prime Arterial and Interchange with Jamacha Road	4.1A Major Road Raised Median—Jamacha Road/SR-54 to	Consistent with 2030 SANDAG Regional Transportation Plan
		Jamacha Road/SR-54 to Jamul CPA boundary	Jamul CPA boundary	 A four-lane road is sufficient to accommodate forecast traffic volumes
				 A six-lane road would adversely impact sensitive environmental resources at the Sweetwater River
10	Avocado Boulevard (SF 1398)	4.1A Major Road	4.1B Major Road	Community preference
	Segment: SR- 94 to El Cajon city limits	Raised Median	Intermittent Turn Lanes	 Right-of-way is limited for raised median along entire road length
11	Chase Avenue (SA 910.1)	4.1A Major Road	4.1B Major Road	Community preference
	Segment: El Cajon city limits to Hillsdale Road	Raised Median	Intermittent Turn Lanes	 Right-of-way is limited for raised median along entire road length
12	Fury Lane (SC 2070/SA 921)	4.1B Major Road	4.1A/B Major Road	Community preference
	Segment: Avocado Boulevard to Jamacha Road	Intermittent Turn Lanes	Intermittent Turn Lanes—Avocado Boulevard to Wieghorst Way	 Reflects existing conditions
			Raised Median—Wieghorst Way to Jamacha Road	
15	Jamul Drive (SC 2055)	2.2C Light Collector	2.1C Community Collector	Community preference
	Segment: Steele Canyon Road to Jamul/Dulzura Subregion boundary	Intermittent Turn Lanes	Intermittent Turn Lanes	 Higher design speed is more appropriate

Mok	Mobility Element Network—Valle de Oro Community Planning Area Matrix				
	Designation/Improvement				
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
16	Hillsdale Road (SC 2030)	2.1E Community Collector	2.1C Community Collector	Community preference	
	<u>Segment</u> : Jamacha Road to Willow Glen Drive	Jamacha Road to Chase Avenue	Intermittent Turn Lanes—Jamacha Road to Willow Glen Drive	 Traffic volumes do not warrant a four- lane road 	
		4.1B Major Road	No changes		
		Intermittent Turn Lanes—Chase Avenue to Willow Glen Drive			
17	Willow Glen Drive	4.1A Major Road	4.1B Major Road	Community preference	
	<u>Segment</u> : Jamacha Road to Camino de Las Piedras	Raised Median—Jamacha Road to Hillsdale Road	Intermittent Turn Lanes—Jamacha Road to Hillsdale Road		
		2.1E Community Collector	2.1D Community Collector		
		Hillsdale Road to Camino de Las Piedras	Improvement Options—Hillsdale Road to Camino de Las Piedras		
18	Vista Grande Road (SC 2030)	2.1E Community Collector	2.2E Light Collector	Community preference	
	Segment: Hillsdale Road to Dehesa Road			More appropriate for winding nature of road	

Mob	Mobility Element Network—Valley Center Community Planning Area Matrix				
		Designation/	/Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes	
1	Couser Canyon Road (SC 240) Segment: Fallbrook CPA boundary to Lilac Road	2.2F Light Collector Reduced Shoulder	2.3C Minor Collector Reduced Shoulder to two feet; Reduced Parkway to ten feet	 Slower design speed is more appropriate for steep terrain Would support forecast traffic volumes at LOS A-D Community Planning Group supports context-sensitive road with slower design speed 	

		Designation/	/Improvement	
ID^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes
2	West Lilac Road (SC 270.1 / 280.2) Segment: Bonsall CPA boundary to Lilac Road	2.2E Light Collector	2.2F Light Collector Reduced Shoulder	Community preferenceMore appropriate for winding nature of road
3	New Road 3 Segment: Old Highway 395 to West Oak Glen Road / Cole Grade Road at Cool Valley Road	2.2C Light Collector Intermittent Turn Lanes	No changes	Alignment change based on community preference to avoid sensitive biological resources.
6	Lilac Road (SA 110/ SF 1415) Segment: Pala/Pauma Subregion boundary to Valley Center Road	2.2E Light Collector Pala/Pauma Subregion boundary to Old Castle Road 2.1D Community Collector Improvement Options [Raised Median]—Old Castle Road to Anthony Road 4.1B Major Road Intermittent Turn Lanes—Anthony Road to Betsworth Rd. 4.2A Boulevard Raised Median—Betsworth Road to Valley Center Rd.	2.3C Minor Collector Reduced Shoulder to two feet / Reduced Parkway to ten feet — Pala/Pauma Subregion boundary to Couser Canyon Road 2.2E Light Collector Couser Canyon Road to Old Castle Road 2.1C Community Collector Intermittent Turn Lanes—Old Castle Road to Anthony Road 4.2B Boulevard Intermittent Turn Lanes—Anthony Road to Valley Center Road	 Slower design speed is more appropriate for steep terrain Would support forecast traffic volumes at LOS A-D Community Planning Group supports context-sensitive road with slower design speed
7	Cool Valley Road (SC 300) Segment: Cole Grade Road to Villa Sierra Road	2.2E Light Collector	2.3C Minor Collector Reduced Shoulder to two feet; Reduced Parkway to ten feet	 Would support forecast traffic volumes at LOS A-D Community Planning Group supports context-sensitive road with slower design speed

Mobility Element Network—Valley Center Community Planning Area Matrix								
		Designation/						
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes				
8	Villa Sierra Road (SC 300) Segment: Cool Valley Road to Mac Tan	2.2E Light Collector	2.3C Minor Collector Reduced Shoulder to two feet; Reduced Parkway to ten feet	Would support forecast traffic volumes at LOS A-D				
	Road			 Community Planning Group supports context-sensitive road with slower design speed 				
9	Mac Tan Road (SC 300) Segment: Villa Sierra Road to Valley	2.2E Light Collector	2.3C Minor Collector Reduced Shoulder to two feet; Reduced	Would support forecast traffic volumes at LOS A-D				
	Center Road		Parkway to ten feet	 Community Planning Group supports context-sensitive road with slower design speed 				
10	Miller Road Segment: Valley Center Road to Villa	2.3B Minor Collector Intermittent Turn Lanes—Valley Center to	No changes	Would support forecast traffic volumes at LOS A-D				
	Sierra Road	New Road 11		 Community Planning Group supports context-sensitive road with slower design speed 				
		2.2E Light Collector New Road 11 to Villa Sierra Road	2.3C Minor Collector Reduced Shoulder to two feet; Reduced Parkway to ten feet—New Road 11 to Villa Sierra Road					
11	New Road 11 (south of Fruitvale Road)	2.3B Minor Collector Intermittent Turn Lanes	2.3A Minor Collector Raised Median	Community Planning Group preference for raised median within Village				
	Segment: Miller Road to Cole Grade Road							

		Designation/Improvement		
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes
13	Cole Grade Road (SA 110) Segment: New Road 14 to Pala/Pauma Subregion boundary	2.2B Light Collector Continuous Turn Lane—New Road 14 to Valley Center Road	Industrial / Commercial Local Public Road—New Road 14 to Valley Center Road	 Community Planning Group preference and more appropriate road type for Industrial area of Village Two-lane designations north of Fruitvale Road would support forecast traffic volumes at LOS A-D if North Village land use designations are consistent with Environmentally Superior Map alternative Community Planning Group supports context-sensitive road with slower design speed.
		4.2A Boulevard Raised Median—Valley Center Road to Horse Creek Trail	4.2A Boulevard Raised Median—Valley Center Road to Fruitvale Road	
		4.1A Major Road Raised Median—Horse Creek Trail to Cool Valley Road	2.1D Community Collector Improvement Options (left and right turn lanes)—Fruitvale Road to Pauma Heights	
		2.1A Community Collector Raised Median—Cool Valley Road to Pauma Heights Road	Road	
		2.1C Community Collector Intermittent Turn Lanes—Pauma Heights Road to McNally Road	No changes	
		2.2E Light Collector McNally Road to Pala/Pauma Subregion boundary	No changes	
14	New Road 14	2.3A Minor Collector Raised Median	2.3B Minor Collector	Community Planning Group preference and more appropriate road type for Industrial area of Village
	Segment: Valley Center (at Miller Road) to Valley Center Road (at New Road 15)		Intermittent Turn Lanes—Road alignment should be to the north of floodplain whenever feasible	
15	New Road 15 / High Point Drive	Local Public Road	Rural Residential Collector	Provides specific classification
	Segment: Valley Center (at New Road 14) to Cool Valley Road		Local Public Road	preference for road type.Community Planning Group preferred classification.

Mobility Element Network—Valley Center Community Planning Area Matrix							
		/Improvement					
ID ^a	Road Segment	Referral Map Network	Staff Recommended Changes	Rationale for Staff Changes			
16	Valley Center Road Segment: North County Metro Subregion boundary to Pala/Pauma Subregion boundary	4.1A Major Road Raised Median—North County Metro Subregion boundary to Woods Valley Road	No changes	 Community Planning Group prefers Boulevard classification for segment from Lilac Road to Miller Road because slower design speed would reduce need for sound walls 			
		4.2A Boulevard Raised Median—Woods Valley Road to Lilac Road	No changes	 Minor downgrade of classification from a Major Road to a Boulevard (Lilac Road to Miller Road segment) 			
		4.1A Major Road Raised Median—Lilac Road to Miller Road	No changes	would not further decrease LOS since this segment of road is already fully built-out; however segment from Lilac			
		4.2A Boulevard Raised Median—Miller Road to New Roads 14/15	No changes	Road to Miller Road is forecast to operate at LOS F			
		2.1D Community Collector Improvement Options [Raised Median]— New Roads 14/15 to Pala/Pauma Subregion boundary	2.1D Community Collector Improvement Options [Passing Lanes]— New Roads 14/15 to Pala/Pauma Subregion boundary	 Community preference for passing lanes over raised median for segment from New Roads 14/15 to Pala/Pauma Subregion boundary 			
17	New Road 17 Indian Creek Road	Local Public Road	Rural Residential Collector	Provides specific classification preference			
	Segment: New Road 14 to New Road 11		Local Public Road	for road type			
18	Mirar de Valle Road (SC 990.2)	2.1D Community Collector	2.1D Community Collector	Community preference to not specify			
	Segment: North County Metro Subregion boundary to New Road 19	Improvement Options [Raised Median]	Improvement Options [Unspecified]	improvement options until road design			
21	Lake Wohlford Road	2.2C Light Collector	2.2D Light Collector	Community preference to not specify			
	Segment: North County Metro Subregion boundary to Valley Center Road	Intermittent Turn Lanes	Improvement Options [Unspecified]	improvement options until road design			
23	West Oak Glen Road	Local Public Road	Remove – replaced by Segment #3.	Refer to rationale for Segment #3			
	Segment: New Road 3 / Lilac Road to Cole Grade Road						

No Network Changes:

Central Mountain

County Islands

Crest /Dehesa

Desert

Fallbrook

Jamul-Dulzura

Julian

Mountain Empire

North Mountain

Pala/Pauma

Pendleton – De Luz

Rainbow

San Dieguito

Spring Valley